

K1455 Condition Report

Conservation Started: 17/06/2013

Conservation Finished: 17/06/2013

Conservator: Cymbeline Storey

Time Taken: 1.5 hours

Including digital photography, report, conservation and packing.

Dimensions: a) <4.5mm

b) <5mm

Weight before: 0.22g (including stone and waxy substance)

Weight after: 0.18g (excluding stone and waxy substance)

K1455 a) retain ascension number, catalogue number 691

K1455 b) renumbered to K2008

Digital photography:

Taken with a Keyence VHX-1000 3D digital microscope with LED and/or fibre optic lights (20-200x magnification). Taken before and after.

Annotation on any of the storage bags or boxes: None

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification

Numerous small fragments of copper alloy and silver gilt; some decorated and some undecorated. Silver gilt fragments renumbered to K2008.

Associated Objects: TBC

Pre-Conservation Condition: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification

The copper alloy fragments are completely corroded and have a little soil on the surface. The silver gilt fragments have some tarnish (probably from burial) and surface abrasion. There are several clumps of unknown waxy material (corrosion product?).

Treatment: Carried out using a Meiji stereo microscope

Purpose: Study

Aim: Total cleaning

Materials: Soft natural/synthetic brushes, thorn in pin vice/holder, IMS on metals

The granular soil on the front/back was mechanically removed or reduced where possible using a fine thorn tip secured in a pin vice and a small pure bristle brush. IMS or water was used to soften the soil to facilitate removal. Loose particles of soil were then removed with a small swab of IMS.

Corrosion products were left in situ; corrosion was not active and can be further cleaned or stabilised at a later date.

A storage box padded with white polyethylene foam was made for housing the object.

Post-Conservation Condition/Findings:

The collection of fragments has been divided into three gelatine capsules: copper alloy, silver gilt and non-metals (one stone plus several clumps of waxy material).

The group of five small fragments of silver gilt, including one with cast relief ornament, has now been renumbered as K2008, Wt. 0.12g

The condition of the objects is the same as pre-conservation apart from removal of a small amount of soil.

Key Features:

- Many small copper alloy and silver gilt fragments
- Clumps of waxy material (corrosion?) retained in separate capsule

Samples:

None